

Title (en)
LIGHT CONTROLLING APPARATUS.

Title (de)
REGELVORRICHTUNG FÜR LICHT.

Title (fr)
DISPOSITIF REGULATEUR DE LUMIERE.

Publication
EP 0155968 A4 19860922 (EN)

Application
EP 84903194 A 19840824

Priority
JP 15529383 A 19830825

Abstract (en)
[origin: WO8501122A1] In a light projector employing a lens (L), if the angle made between an optical axis (O-O) and the light ray passing through the lens (L) is represented by $\theta(u)$, the illuminance at a projection surface (20) is proportional to $\cos^4 \theta(u)$. Therefore, in order to obtain a uniform illuminance distribution at the projection surface, for example, a non-spherical reflecting mirror (11) is inserted into the lens system as a light-quantity distribution adjusting means which allows the light from a light source (10) to be projected at a light-quantity distribution which provides a reciprocal of $\cos^4 \theta(u)$.

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G02B 27/18

IPC 8 full level
G02B 27/18 (2006.01); **G03B 21/132** (2006.01); **G03B 21/20** (2006.01)

CPC (source: EP)
G03B 15/03 (2013.01); **G03B 21/132** (2013.01); **G03B 21/20** (2013.01); **G03B 21/2053** (2013.01); **G03B 2215/0525** (2013.01)

Citation (search report)

- [X] US 3669538 A 19720613 - FOWLER RAYMOND L
- See references of WO 8501122A1

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